Freeform Search

Database:	US Paients Full-Text Database US Pre-Grant Publication Full-Text Database JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
Term:	(MseI or Mse near I) near5 endonuclease\$ near10 ▲ (clon\$ or isolat\$)
Display:	100 Documents in Display Format: - Starting with Number 1
Generate:	O Hit List O Hit Count O Side by Side O Image
	Search Clear Help Logout Interrupt
-	

Search History

DATE: Sunday, January 19, 2003 Printable Copy Create Case

Set Name side by side	Hit Count	Set Name result set	
DB=US	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L9</u>	(MseI or Mse near I) near5 endonuclease\$ near10 (clon\$ or isolat\$)	2	<u>L9</u>
<u>L8</u>	L7 and Micrococcus	1	<u>L8</u>
<u>L7</u>	(MseI or Mse near I) near5 endonuclease\$	16	<u>L7</u>
<u>L6</u>	(MseI or Mse near I) near10 (clon\$ or isolat\$)	9	<u>L6</u>
<u>L5</u>	(MseI or Mse near I) and Micrococcus	2	<u>L5</u>
<u>L4</u>	MseI near5 vector\$	1	<u>L4</u>
<u>L3</u>	MseI and Micrococcus	2	<u>L3</u>
<u>L2</u>	L1 and Micrococcus	1	<u>L2</u>
L1	MseI near5 restriction	27	L1

END OF SEARCH HISTORY

Freeform Search US Palents Full-Text Database US Pre-Grant Publication Full-Text Database JPO Abstracts Database Database: EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bullatins MseI Term: 100 Documents in Display Format: - Starting with Number 1 Display: Generate: O Hit List O Hit Count O Side by Side O Image Clear Help Logout Interrupt Search Show S Numbers Edit S Numbers Preferences Main Menu Cases

Search History

DATE: Sunday, January 19, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB = USPT	C,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L12</u>	MseI	121	<u>L12</u>
<u>L11</u>	MseI near20 (clon\$ or isolat\$ or express\$)	9	<u>L11</u>
<u>L10</u>	MseI near10 (clon\$ or isolat\$ or express\$)	7	<u>L10</u>
<u>L9</u>	6048731 [pn]	2	<u>L9</u>
<u>L8</u>	6025179 [pn]	2	<u>L8</u>
<u>L7</u>	5179015 [pn]	2	<u>L7</u>
<u>L6</u>	5262318 [pn]	2	<u>L6</u>
<u>L5</u>	5200333 [pn]	2	<u>L5</u>
<u>L4</u>	6048731 [pn]	2	<u>L4</u>
<u>L3</u>	5498535 [pn]	2	<u>L3</u>
<u>L2</u>	5492823 [pn]	2	<u>L2</u>
<u>L1</u>	5320957 [pn]	2	<u>L1</u>

END OF SEARCH HISTORY

Freeform Search US Paienis Full-Text Daiabase US Pre-Grant Publication Full-Text Database JPO Abstracts Database Database: **EPO** Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins (MseI or Mse near I) near10 (clon\$ or isolat\$) Term: Display: 100 Documents in Display Format: -Starting with Number 1 Generate: O Hit List O Hit Count O Side by Side O Image Clear Search Help Logout Interrupt Main Menu Show S Numbers Edit S Numbers Preferences Cases

Search History

DATE: Monday, December 02, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB = USI	$PT,PGPB,JPAB,EPAB,DWPI,TDBD;\ PLUR=YES;\ OP=OR$		
<u>L8</u>	(MseI or Mse near I) near10 (clon\$ or isolat\$)	9	<u>L8</u>
<u>L7</u>	(MseI or Mse near I) and micrococcus	2	<u>L7</u>
<u>L6</u>	(MseI or Mse near I) near10 micrococcus	1	<u>L6</u>
<u>L5</u>	MseI near10 clon\$	4	<u>L5</u>
<u>L4</u>	MseI near10 vector\$	1	<u>L4</u>
<u>L3</u>	MseI near3 restriction near endonuclease near10 vector\$	1	<u>L3</u>
<u>L2</u>	MseI and micrococcus	2	<u>L2</u>
<u>L1</u>	MseI near10 micrococcus	1	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

Print

Search Results - Record(s) 1 through 27 of 27 returned.

☐ 1. Document ID: US 20020160372 A1

L1: Entry 1 of 27

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020160372

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020160372 A1

TITLE: Prolactin receptor gene as a genetic marker for increased litter size in animals

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rothschild, Max F.	Ames	IA	US	
Vincent, Amy L.	Jewell	IA	US	
Tuggle, Christopher K.	Ames	IA	US	
Gladney, Christy	Berkeley	CA	US	•
Mileham, Alan	Berkeley	CA	US	
Southwood, Olwen	Abingdon		GB	
Plastow, Graham	Cambridge		GB	
Sargent, Carole	Cambridge		GB	

US-CL-CURRENT: 435/6; 800/17

Full Title	Citation	-Front-	- Review	Classification	Date	Reference	Sequences	Attachments	Claims KWO
- Drawt Desc	lmage .								

☐ 2. Document ID: US 20020144310 A1

L1: Entry 2 of 27

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020144310

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020144310 A1

TITLE: Isolated polynucleotides and polypeptides relating to loci underlying resistance to soybean cyst nematode and soybean sudden death syndrome and methods employing same

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lightfoot, David A. Carbondale IL US Meksem, Khalid Carbondale IL US

US-CL-CURRENT: 800/312

3. Document ID: US 20020120114 A1

L1: Entry 3 of 27

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120114

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120114 A1

TITLE: Pesticidal toxins and genes from bacillus laterosporus strains

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Schnepf, H. Ernest San Diego CA US Narva, Kenneth E. San Diego CA US Stockhoff, Brian A. San Diego CA US Lee, Stacey Finstad San Diego CA US Walz, Mikki Poway CA US Sturgis, Blake Solana Beach CA US

US-CL-CURRENT: 536/23.1; 530/350



4. Document ID: US 20020042059 A1

L1: Entry 4 of 27

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042059

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042059 A1

TITLE: Compositions and methods for analysis of nucleic acids

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Makarov, Vladimir L. Ann Arbor MI US Langmore, John P. Ann Arbor MI US

US-CL-CURRENT: <u>435/6</u>; <u>435/91.1</u>



☐ 5. Document ID: US 6420117 B1

L1: Entry 5 of 27

File: USPT

Jul 16, 2002

US-PAT-NO: 6420117

DOCUMENT-IDENTIFIER: US 6420117 B1

TITLE: Miniature inverted repeat transposable elements and methods of use

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Wessler; Susan R.

Athens

GΑ

Casa; Alexandra M.

Ithaca

NY

US-CL-CURRENT: <u>435/6</u>; <u>435/183</u>, <u>435/412</u>, <u>435/91.1</u>, <u>536/23.1</u>, <u>536/23.5</u>, <u>536/24.31</u>, $\frac{536}{24.33}$, $\frac{800}{278}$, $\frac{800}{295}$



6. Document ID: US 6350454 B1

L1: Entry 6 of 27

File: USPT

Feb 26, 2002

US-PAT-NO: 6350454

DOCUMENT-IDENTIFIER: US 6350454 B1

TITLE: Attenuated Pasteurella piscicida vaccine for fish

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

LΑ

ZIP CODE

COUNTRY

Thune; Ronald L.

Baton Rouge

US-CL-CURRENT: 424/200.1; 424/184.1, 424/201.1, 424/203.1, 424/234.1, 424/235.1, 424/255.1, 424/827, 424/93.4



7. Document ID: US 6346385 B1

L1: Entry 7 of 27

File: USPT

Feb 12, 2002

US-PAT-NO: 6346385

DOCUMENT-IDENTIFIER: US 6346385 B1

TITLE: Analysis of predisposition based on human airway trypsin protease gene

polymorphism

DATE-ISSUED: February 12, 2002

INVENTOR-INFORMATION:

STATE ZIP CODE NAME CITY COUNTRY Eguchi; Hiroshi Tokyo JΡ JP Yamaoka; Kazuyoshi Tokyo Masuda; Kenichi Tokyo ĴΡ Tokushima JP Yasuoka; Susumu

US-CL-CURRENT: 435/6; 435/19, 435/91.2, 536/23.1, 536/23.2, 536/23.5, 536/24.31, 536/24.33

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

8. Document ID: US 6306593 B1

L1: Entry 8 of 27

File: USPT

Oct 23, 2001

US-PAT-NO: 6306593

DOCUMENT-IDENTIFIER: US 6306593 B1

TITLE: Selective AFLP primers for reduction of complexity of maker genotyping and

DNA markers for loblolly pine identified using the AFLP primers

DATE-ISSUED: October 23, 2001

INVENTOR - INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Yue; Yong G.

Trenton

NJ

US-CL-CURRENT: 435/6; 435/19, 435/91.2, 536/23.1, 536/24.3, 536/24.33

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

KOMC

9. Document ID: US 6300071 B1

L1: Entry 9 of 27

File: USPT

Oct 9, 2001

US-PAT-NO: 6300071

DOCUMENT-IDENTIFIER: US 6300071 B1

TITLE: Method for detecting nucleic acid methylation using AFLP.TM.

DATE-ISSUED: October 9, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Vuylsteke; Marnik Johan RogerEdeNLVos; Petrus Antonius JosephinaRenswoudeNLZabeau; Marcus Florent OscarGentNL

US-CL-CURRENT: 435/6; 435/91.2, 536/24.2, 536/24.33

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

☐ 10. Document ID: US 6297369 B1

L1: Entry 10 of 27

File: USPT

Oct 2, 2001

US-PAT-NO: 6297369

DOCUMENT-IDENTIFIER: US 6297369 B1

TITLE: Pesticidal toxins and genes from Bacillus laterosporus strains

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

ZIP CODE COUNTRY NAME CITY STATE Schnepf; H. Ernest San Diego CA San Diego Narva; Kenneth E. CA Stockhoff; Brian A. San Diego CA Lee; Stacey Finstad San Diego CA Walz; Mikki Poway CA Sturgis; Blake Solana Beach CA

US-CL-CURRENT: $\underline{536/23.71}$; $\underline{424/190.1}$, $\underline{435/252.3}$, $\underline{435/252.31}$, $\underline{435/252.5}$, $\underline{435/320.1}$, $\underline{435/410}$, $\underline{435/412}$, $\underline{435/419}$, $\underline{435/440}$, $\underline{435/468}$, $\underline{435/471}$, $\underline{435/476}$, $\underline{435/480}$, $\underline{435/91.4}$, $\underline{536/23.1}$, $\underline{536/23.1}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KWC

11. Document ID: US 6231864 B1

L1: Entry 11 of 27

File: USPT

May 15, 2001

US-PAT-NO: 6231864

DOCUMENT-IDENTIFIER: US 6231864 B1

TITLE: Strategically modified hepatitis B core proteins and their derivatives

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Birkett; Ashley J.

Solana Beach

CA

US-CL-CURRENT: $\frac{424}{189.1}$; $\frac{424}{192.1}$, $\frac{424}{194.1}$, $\frac{424}{196.11}$, $\frac{424}{201.1}$, $\frac{424}{202.1}$, $\frac{424$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc | Image |

KMIC

☐ 12. Document ID: US 6218119 B1

L1: Entry 12 of 27

File: USPT

Apr 17, 2001

US-PAT-NO: 6218119

DOCUMENT-IDENTIFIER: US 6218119 B1

TITLE: Amplification of simple sequence repeats

DATE-ISSUED: April 17, 2001

INVENTOR-INFORMATION:

NAME

CITY

ZIP CODE STATE

COUNTRY

Kuiper; Martin T. R.

Bennekom

NL

Zabeau; Marc

Gent

ΒE

Vos; Pieter

Renswoude

NL

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3

Full Title Citation Front Review Classification Date Reference Sequences -Attachments-Draw. Desc | Image |

☐ 13. Document ID: US 6210666 B1

L1: Entry 13 of 27

File: USPT

Apr 3, 2001

US-PAT-NO: 6210666

DOCUMENT-IDENTIFIER: US 6210666 B1

TITLE: Truncated .alpha.-galactosidase A to treat fabry disease

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Miyamura; Nobuhiro

Kumamoto

JP

US-CL-CURRENT: 424/94.61; 435/200; 435/208, 530/350

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw, Desc Image

KMC

☐ 14. Document ID: US 6197557 B1

L1: Entry 14 of 27

File: USPT

Mar 6, 2001

US-PAT-NO: 6197557

DOCUMENT-IDENTIFIER: US 6197557 B1

TITLE: Compositions and methods for analysis of nucleic acids

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Makarov; Vladimir L.

Ann Arbor

MΙ

Langmore; John P.

Ann Arbor

US-CL-CURRENT: 435/91.2; 435/6, 536/23.1, 536/24.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc Image

KWC

☐ 15. Document ID: US 6114503 A

L1: Entry 15 of 27

File: USPT

Sep 5, 2000

US-PAT-NO: 6114503

DOCUMENT-IDENTIFIER: US 6114503 A

TITLE: Human blue-light photoreceptor hCRY2

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Wei; Ying-Fei Darnestown MD Ruben; Steven M. Olney MD Sancar; Aziz Chapel Hill NC Hsu; Shiao-Wen D. Durham NC Kazantsev; Aleksey G. Chapel Hill NC

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.1, 536/23.1, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

. KWC

16. Document ID: US 6054442 A

L1: Entry 16 of 27

File: USPT

Apr 25, 2000

US-PAT-NO: 6054442

DOCUMENT-IDENTIFIER: US 6054442 A

TITLE: Methods and compositions for modulation and inhibition of telomerase in vitro

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Chen; Shih-Fong San Antonio TXMaine; Ira San Antonio TXKerwin; Sean M. Round Rock TXFletcher; Terace M. San Antonio TXSalazar; Miguel Austin TXMamiya; Blain Austin TX Windle; Bradford E. San Antonio TX Wajima; Makoto San Antonio TX

US-CL-CURRENT: $\frac{514}{45}$; $\frac{435}{6}$, $\frac{514}{46}$, $\frac{514}{47}$, $\frac{514}{48}$, $\frac{514}{49}$, $\frac{514}{50}$, $\frac{514}{51}$, $\frac{536}{26.26}$, $\frac{536}{27.12}$, $\frac{536}{27.2}$, $\frac{536}{27.8}$, $\frac{536}{27.8}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

. KWIC

☐ 17. Document ID: US 6045994 A

L1: Entry 17 of 27

File: USPT

Apr 4, 2000

US-PAT-NO: 6045994

DOCUMENT-IDENTIFIER: US 6045994 A

TITLE: Selective restriction fragment amplification: fingerprinting

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Zabeau; Marc

Gent

BE

Vos; Pieter

Renkum

NL

US-CL-CURRENT: 435/6; 435/2, 435/91.2



KMC

■ 18. Document ID: US 6004939 A

L1: Entry 18 of 27

File: USPT

Dec 21, 1999

COUNTRY

US-PAT-NO: 6004939

DOCUMENT-IDENTIFIER: US 6004939 A

TITLE: Methods for modulation and inhibition of telomerase

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE Chen; Shih-Fong San Antonio TX

Maine; Ira San Antonio TX
Kerwin; Sean M. Round Rock TX
Fletcher; Terace M. San Antonio TX
Salazar; Miquel Austin TX
Mamiya; Blain Austin TX

Wajima; Makoto San Antonio TX Windle; Bradford E. San Antonio TX

US-CL-CURRENT: $\underline{514}/\underline{43}$; $\underline{514}/\underline{45}$, $\underline{514}/\underline{48}$, $\underline{536}/\underline{23.1}$, $\underline{536}/\underline{24.5}$, $\underline{536}/\underline{26.23}$, $\underline{536}/\underline{26.26}$, $\underline{536}/\underline{27.8}$, $\underline{536}/\underline{27.81}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

☐ 19. Document ID: US 5935788 A

L1: Entry 19 of 27

File: USPT

Aug 10, 1999

US-PAT-NO: 5935788

DOCUMENT-IDENTIFIER: US 5935788 A

TITLE: Subtractive hybridization techniques for identifying differentially expressed and commonly expressed nucleic acid

DATE-ISSUED: August 10, 1999

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Burmer; Glenna C.

Seattle

Brown; Joseph P.

Seattle

WA

WA

Stewart; Christine C.

Seattle

WA

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.2, 536/24.33

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 20. Document ID: US 5876932 A

L1: Entry 20 of 27

File: USPT

Mar 2, 1999

US-PAT-NO: 5876932

DOCUMENT-IDENTIFIER: US 5876932 A

TITLE: Method for gene expression analysis

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Fischer; Achim

Freiburg

DE

US-CL-CURRENT: 435/6; 435/91.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw, Desc Image

21. Document ID: US 5874215 A

L1: Entry 21 of 27

File: USPT

Feb 23, 1999

US-PAT-NO: 5874215

DOCUMENT-IDENTIFIER: US 5874215 A

TITLE: Amplification of simple sequence repeats

DATE-ISSUED: February 23, 1999

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Kuiper; Martin T. R.

Bennekom Gent

NLBE

Zabeau; Marc Vos; Picter

Renswoude

NL

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3

22. Document ID: US 5871917 A

L1: Entry 22 of 27

File: USPT

Feb 16, 1999

US-PAT-NO: 5871917

DOCUMENT-IDENTIFIER: US 5871917 A

TITLE: Identification of differentially methylated and mutated nucleic acids

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Duffy; Hao-peng Xu

Centerport

NY

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3, 536/24.33

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

23. Document ID: US 5783194 A

L1: Entry 23 of 27

File: USPT

Jul 21, 1998

US-PAT-NO: 5783194

DOCUMENT-IDENTIFIER: US 5783194 A

TITLE: Homogeneous isolate of urabe mumps virus and vaccines containing the isolate

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Brown; Earl G.

Nepean

CA

Wright; Kathryn E.

Gloucester

CA CA

Dimock; Kenneth D.

Gloucester

.

US-CL-CURRENT: 424/211.1; 435/235.1, 514/44

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KWAC

☐ 24. Document ID: US 5550018 A

L1: Entry 24 of 27

File: USPT

Aug 27, 1996

US-PAT-NO: 5550018

DOCUMENT-IDENTIFIER: US 5550018 A

TITLE: Test for virulent genomic nucleotide 472 revertants in attenuated live

poliovirus type 3 vaccines

DATE-ISSUED: August 27, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Levenbook; Inessa Bethesda MD
Chumakov; Konstantin Bethesda MD
Powers; Laurie Silver Spring MD
Roninson; Igor Chicago IL

US-CL-CURRENT: $\frac{435}{5}$; $\frac{424}{184}$.1, $\frac{424}{204}$.1, $\frac{424}{217}$.1, $\frac{424}{93}$.1, $\frac{424}{93}$.6, $\frac{435}{173}$.3, $\frac{435}{236}$, $\frac{435}{24}$.3, $\frac{435}{236}$, $\frac{435}{24}$.3, $\frac{435}{24}$.3,

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KWIC

☐ 25. Document ID: US 5532153 A

L1: Entry 25 of 27

File: USPT

Jul 2, 1996

US-PAT-NO: 5532153

DOCUMENT-IDENTIFIER: US 5532153 A

TITLE: Method for cloning and producing the SacI restriction endonuclease

DATE-ISSUED: July 2, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Xu; Shuang-yong Lexington MA
Xiao; Jianping Wenham MA

US-CL-CURRENT: 435/199; 435/193, 435/252.33, 435/320.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Description

☐ 26. Document ID: EP 1197549 A2

L1: Entry 26 of 27 File

File: EPAB

Apr 17, 2002

PUB-NO: EP001197549A2

DOCUMENT-IDENTIFIER: EP 1197549 A2

TITLE: Method for cloning and producing the MseI restriction endonuclease

PUBN-DATE: April 17, 2002

INVENTOR-INFORMATION:

NAME COUNTRY VAISVILA, ROMUALDAS US

KUCERA, REBECCA B US
RALEIGH, ELISABETH A US
MORGAN, RICHARD D US

CLAUS, TOBY E US

INT-CL (IPC): $\underline{\text{C12}}$ $\underline{\text{N}}$ $\underline{9/22}$; $\underline{\text{C12}}$ $\underline{\text{N}}$ $\underline{15/55}$; $\underline{\text{C12}}$ $\underline{\text{N}}$ $\underline{9/10}$; $\underline{\text{C12}}$ $\underline{\text{N}}$ $\underline{15/54}$; $\underline{\text{C12}}$ $\underline{\text{N}}$ $\underline{5/10}$. $\underline{\text{EUR-CL}}$ (EPC): $\underline{\text{C12N009/22}}$; $\underline{\text{C12N009/10}}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

27. Document ID: JP 2002306186 A EP 1197549 A2

L1: Entry 27 of 27

File: DWPI

Oct 22, 2002

DERWENT-ACC-NO: 2002-364498

DERWENT-WEEK: 200301

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TITLE: Producing the MseI restriction endonuclease by culturing a host cell transformed with vectors containing DNA segment coding for the MseI restriction

endonuclease obtained

INVENTOR: CLAUS, T E; KUCERA, R B ; MORGAN, R D ; RALEIGH, E A ; VAISVILA, R

PRIORITY-DATA: 2000US-0689343 (October 12, 2000)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC JP 2002306186 A October 22, 2002 136 C12N015/09 April 17, 2002 053 C12N009/22 EP 1197549 A2

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PALM INTRANET

Day: Sunday Date: 1/19/2003 Time: 14:44:40

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
vaisvila	romualdas	Search

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PALM INTRANET

Day: Sunday Date: 1/19/2003 Time: 14:44:40

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
kucera	rebecca	Search

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PALM INTRANET

Day: Sunday Date: 1/19/2003 Time: 14:44:40

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
raleigh	elisabeth	Search

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         1089298 CLON?
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DIALOG(R)File
              5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
14001721 BIOSIS NO.: 200200630542
Numerous, robust genetic markers for Plasmodium chabaudi by the method of
  amplified fragment length polymorphism.
AUTHOR: Grech Katrina; Martinelli Axel; Pathirana Sisira; Walliker David;
 Hunt Paul; Carter Richard(a)
AUTHOR ADDRESS: (a) Division of Biological Sciences, ICAPB, Ashworth
  Laboratory, University of Edinburgh, West Mains Road, Edinburgh, EH9 3JT
  **UK E-Mail: r.carter@ed.ac.uk
JOURNAL: Molecular & Biochemical Parasitology 123 (2):p95-104 28 August,
2002
MEDIUM: print
ISSN: 0166-6851
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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              5:Biosis Previews(R)
DIALOG(R) File
(c) 2003 BIOSIS. All rts. reserv.
         BIOSIS NO.: 199799753331
11132186
CpG islands of the pig.
AUTHOR: McQueen Heather A(a); Clark Victoria H; Bird Adrian P; Yerle
 Martine; Archibald Alan L
AUTHOR ADDRESS: (a) Inst. Cell Molecular Biol., Univ. Edinburgh, Edinburgh
 EH9 3JR**UK
JOURNAL: Genome Research 7 (9):p924-931 1997
ISSN: 1088-9051
RECORD TYPE: Abstract
LANGUAGE: English
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                       (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.
 136321263
              CA: 136(21)321263k
                                     PATENT
 Cloning of the MseI restriction endonuclease from Micrococcus species and
its recombinant expression and purification
 INVENTOR (AUTHOR): Vaisvila, Romualdas; Kucera, Rebecca B.; Raleigh,
Elisabeth A.; Morgan, Richard D.; Claus, Toby E.
 LOCATION: USA
 ASSIGNEE: New England Biolabs, Inc.
 PATENT: European Pat. Appl.; EP 1197549 A2 DATE: 20020417
 APPLICATION: EP 2001203828 (20011010) *US 689343 (20001012)
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PAGES: 53 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-009/22A;
C12N-015/55B; C12N-009/10B; C12N-015/54B; C12N-005/10B
  DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL;
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DIALOG(R) File 155:MEDLINE(R)
         88217526
                     PMID: 2835752
  Mse I, a unique restriction endonuclease from Micrococcus species
which recognizes 5' T decreases TAA 3'.
  Morgan R D
  New England Biolabs Inc., Beverly, MA 01915.
  Nucleic acids research (ENGLAND) Apr 11 1988, 16 (7) p3104, ISSN
           Journal Code: 0411011
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
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DIALOG(R) File 312:CA SEARCH(R)
(c) 1997 American Chemical Society. All rts. reserv.
              CA: 109(1)2826s
                                  JOURNAL
 Mse I, a unique restriction endonuclease from Micrococcus species which
recognizes 5' T.dwnarw.TAA 3'
  AUTHOR(S): Morgan, Richard D.
  LOCATION: New England Biolabs, Inc., Beverly, MA, 01915, USA
  JOURNAL: Nucleic Acids Res. DATE: 1988 VOLUME: 16 NUMBER: 7 PAGES:
3104 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English
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                       (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.
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                                     PATENT
  Cloning of the MseI restriction endonuclease from Micrococcus species and
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  INVENTOR (AUTHOR): Vaisvila, Romualdas; Kucera, Rebecca B.; Raleigh,
Elisabeth A.; Morgan, Richard D.; Claus, Toby E.
  LOCATION: USA
  ASSIGNEE: New England Biolabs, Inc.
  PATENT: European Pat. Appl. ; EP 1197549 A2 DATE: 20020417
  APPLICATION: EP 2001203828 (20011010) *US 689343 (20001012)
  PAGES: 53 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-009/22A;
C12N-015/55B; C12N-009/10B; C12N-015/54B; C12N-005/10B
  DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL;
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(c) 2003 American Chemical Society. All rts. reserv.
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  Mse I, a unique restriction endonuclease from Micrococcus species which
recognizes 5' T.dwnarw.TAA 3'
  AUTHOR(S): Morgan, Richard D.
  LOCATION: New England Biolabs, Inc., Beverly, MA, 01915, USA
  JOURNAL: Nucleic Acids Res. DATE: 1988 VOLUME: 16 NUMBER: 7 PAGES:
3104 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English
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DIALOG(R) File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
           BIOSIS NO.: 200200146912
13518091
The association of phytoplasma with stunting, leaf necrosis and witches'
  broom symptoms in magnolia plants.
AUTHOR: Kaminska M(a); Sliwa H; Rudzinska-Langwald A
AUTHOR ADDRESS: (a) Department of Plant Protection, Research Institute of
  Pomology and Floriculture, Pomologiczna 18, 96-100, Skierniewice**Poland
  E-Mail: mkaminsk@insad.isk.skierniewice.pl
JOURNAL: Journal of Phytopathology (Berlin) 149 (11-12):p719-724 December,
 2001
MEDIUM: print
ISSN: 0931-1785
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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DIALOG(R) File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
12951496
         BIOSIS NO.: 200100158645
Detection of phytoplasma infection in rose, with degeneration symptoms.
AUTHOR: Kaminska M(a); Dziekanowska D; Rudzinska-Langwald A
AUTHOR ADDRESS: (a) Department of Plant Protection, Research Institute of
  Pomology and Floriculture, Pomologiczna 18, 96-100, Skierniewice:
  mkaminsk@insad.isk.skierniewice.pl, rudzinska@delta.sggw.waw.pl**Poland
JOURNAL: Journal of Phytopathology (Berlin) 149 (1):p3-10 January, 2001
MEDIUM: print
ISSN: 0931-1785
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; German
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(c) 2003 BIOSIS. All rts. reserv.
12507815
           BIOSIS NO.: 200000261317
Molecular typing of Toxoplasma gondii strains by GRA6 gene sequence
AUTHOR: Fazaeli A(a); Carter P E; Darde M L; Pennington T H
AUTHOR ADDRESS: (a) Department of Medical Microbiology, University of
  Aberdeen, Medical School, Foresterhill, Aberdeen, AB25 2ZD**UK
JOURNAL: International Journal for Parasitology 30 (5):p637-642 April 24,
2000
MEDIUM: print.
ISSN: 0020-7519
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
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DIALOG(R) File
              5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
11715971 BIOSIS NO.: 199800497702
Fluorescent amplified-fragment length polymorphism analysis of an outbreak
  of group A streptococcal invasive disease.
AUTHOR: Desai Meeta; Tanna Asha; Wall Robert; Efstratiou Androulla; George
  Robert; Stanley John(a)
AUTHOR ADDRESS: (a) Mol. Biol. Unit, Central Public Health Lab., 61
  Colindale Ave., London NW9 5HT**UK
JOURNAL: Journal of Clinical Microbiology 36 (11):p3133-3137 Nov., 1998
ISSN: 0095-1137
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
         BIOSIS NO.: 199799594416
Detection of Vibrio cholerae and V. mimicus heat-stable toxin gene sequence
  by PCR.
AUTHOR: Vicente Ana C P(a); Coelho Ana M; Salles C A
AUTHOR ADDRESS: (a) Dep. Genet., Inst. Oswaldo Cruz, Avda. Brasil 4365,
  21045-900 Rio de Janeiro**Brazil
JOURNAL: Journal of Medical Microbiology 46 (5):p398-402 1997
ISSN: 0022-2615
RECORD TYPE: Abstract
LANGUAGE: English
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                        (Item 6 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
         BIOSIS NO.: 199598008917
09553999
Severe neurological abnormalities associated with a mutation in the
  zinc-finger domain in a group A xeroderma pigmentosum patient.
AUTHOR: Maeda T(a); Sato K; Minami H(a); Taguchi H(a); Yoshikawa K(a)
```

```
AUTHOR ADDRESS: (a) Dep. Dermatol., Osaka Univ. Sch. Med., 2-2 Yamadaoka,
  Suita-shi, Osaka 565**Japan
JOURNAL: British Journal of Dermatology 131 (4):p566-570 1994
ISSN: 0007-0963
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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DIALOG(R) File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
          BIOSIS NO.: 000094024407
08223443
A TRUNCATED SPECIES OF APOLIPOPROTEIN B B-83 ASSOCIATED WITH
  HYPOBETALIPOPROTEINEMIA
AUTHOR: FARESE R V JR; GHARG A; PIEROTTI V R; VEGA G L; YOUNG S G
AUTHOR ADDRESS: DEP. INTERN. MED., UNIV. TEX. SOUTHWESTERN MED. CENT. AT
  DALLAS, DALLAS, TEX. 75235.
JOURNAL: J LIPID RES 33 (4). 1992. 569-577. 1992
FULL JOURNAL NAME: Journal of Lipid Research
CODEN: JLPRA
RECORD TYPE: Abstract
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                        (Item 8 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
           BIOSIS NO.: 000093134029
THREE NONSENSE MUTATIONS RESPONSIBLE FOR GROUP A XERODERMA PIGMENTOSUM
AUTHOR: SATOKATA I; TANAKA K; MIURA M; NARITA M; MIMAKI T; SATOH Y; KONDO S
  ; OKADA Y
AUTHOR ADDRESS: INST. MOL. CELL. BIOL., OSAKA UNIV., 3-1 YAMADA-OKA, SUITA,
  OSAKA 565, JPN.
JOURNAL: MUTAT RES 273 (2). 1992. 193-202. 1992
FULL JOURNAL NAME: Mutation Research
CODEN: MUREA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH
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DIALOG(R) File 5: Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.
07886933
          BIOSIS NO.: 000092135931
VISUALIZATION OF R-BANDS IN HUMAN METAPHASE CHROMOSOMES BY THE RESTRICTION
  ENDONUCLEASE MSE-I
AUTHOR: LUDENA P; SENTIS C; DE CABO S F; VELAZQUEZ M; FERNANDEZ-PIQUERAS J
AUTHOR ADDRESS: DEPARTAMENTO DE BIOLOGIA, UNIDAD DE GENETICA, FACULTAD DE
 CIENCIAS, MODULO C-XV, UNIVERSIDAD AUTONOMA DE MADRID, MADRID 28049,
 SPAIN.
JOURNAL: CYTOGENET CELL GENET 57 (2-3). 1991. 82-86. 1991
FULL JOURNAL NAME: Cytogenetics and Cell Genetics
CODEN: CGCGB
RECORD TYPE: Abstract
LANGUAGE: ENGLISH
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(Item 1 from file: 154) Display 5/3/10 DIALOG(R) File 154: MEDLINE(R) 22310217 PMID: 12422600 14028330 Comparison of pulsed-field gel electrophoresis (PFGE) and two different polymerase chain reactions (PCRs) for species identification of Borrelia burgdorferi sensu lato strains. Simenc Janez; Ruzic-Sabljic Eva; Strle Franc; et al Institute of Microbiology and Immunology, Medical Faculty, Ljubljana, Slovenia. Wiener klinische Wochenschrift (Austria) Jul 31 2002, 114 (13-14) Journal Code: 21620870R p551-6, ISSN 0043-5325 Document type: Journal Article Languages: ENGLISH Main Citation Owner: NLM Record type: In Process - end of record -(Item 2 from file: 154) Display 5/3/11 DIALOG(R) File 154: MEDLINE(R) 92006697 PMID: 1914526 R-bands in human metaphase chromosomes by the Visualization of restriction endonuclease MseI. Ludena P; Sentis C; De Cabo S F; Velazquez M; Fernandez-Piqueras J Departamento de Biologia, Facultad de Ciencias, Modulo C-XV, Universidad Autonoma de Madrid, Spain. Cytogenetics and cell genetics (SWITZERLAND) 1991, 57 (2-3) p82-6, ISSN 0301-0171 Journal Code: 0367735 Document type: Journal Article Languages: ENGLISH Main Citation Owner: NLM Record type: Completed - end of record -Display 5/3/12(Item 1 from file: 312) DIALOG(R) File 312:CA SEARCH(R) (c) 1997 American Chemical Society. All rts. reserv. 109002826 CA: 109(1)2826s JOURNAL Mse I, a unique restriction endonuclease from Micrococcus species which recognizes 5' T.dwnarw.TAA 3' AUTHOR(S): Morgan, Richard D. LOCATION: New England Biolabs, Inc., Beverly, MA, 01915, USA JOURNAL: Nucleic Acids Res. DATE: 1988 VOLUME: 16 NUMBER: 7 PAGES: 3104 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English - end of record -Display 5/3/13 (Item 1 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2003 American Chemical Society. All rts. reserv.

136321263 CA: 136(21)321263k PATENT

Cloning of the MseI restriction endonuclease from Micrococcus species and its recombinant expression and purification

INVENTOR (AUTHOR): Vaisvila, Romualdas; Kucera, Rebecca B.; Raleigh, Elisabeth A.; Morgan, Richard D.; Claus, Toby E.

LOCATION: USA

```
ASSIGNEE: New England Biolabs, Inc.
  PATENT: European Pat. Appl.; EP 1197549 A2 DATE: 20020417
  APPLICATION: EP 2001203828 (20011010) *US 689343 (20001012)
  PAGES: 53 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-009/22A;
C12N-015/55B; C12N-009/10B; C12N-015/54B; C12N-005/10B
  DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL;
SE; MC; PT; IE; SI; LT; LV; FI; RO
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(c) 2003 American Chemical Society. All rts. reserv.
               CA: 127(24)327064g
                                     JOURNAL
  127327064
  K-ras mutations and allelic loss at 5q and 18q in the development of
human pancreatic cancers
  AUTHOR(S): Sugio, Kenji; Molberg, Kyle; Albores-Saavedra, Jorge; Virmani,
Arvind K.; Kishimoto, Yosuke; Gazdar, Adi F.
  LOCATION: Simmons Cancer Center; Division of Anatomic Pathology; and
Department of Pathology, The University of Texas Southwestern Medical
Center at Dallas, Dallas, TX, USA
  JOURNAL: Int. J. Pancreatol. DATE: 1997 VOLUME: 21 NUMBER: 3
205-217 CODEN: IJPNEX ISSN: 0169-4197 LANGUAGE: English PUBLISHER:
Humana
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DIALOG(R) File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.
               CA: 127(19)258169f
                                     JOURNAL
  PCR-RFLP analysis as an aid to genetic counseling of families of japanese
patients with group A xeroderma pigmentosum
  AUTHOR(S): Maeda, Tomoko; Sato, Kenji; Minami, Hironori; Taguchi,
Hiroyasu; Yoshikawa, Kunihiko
  LOCATION: Department of Dermatology, Osaka University School of Medicine,
Suita, Japan, 565
  JOURNAL: J. Invest. Dermatol. DATE: 1997 VOLUME: 109 NUMBER: 3
  PAGES: 306-309 CODEN: JIDEAE ISSN: 0022-202X LANGUAGE: English
  PUBLISHER: Blackwell
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E4
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DIALOG(R) File 312:CA SEARCH(R)
(c) 1997 American Chemical Society. All rts. reserv.
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                                  JOURNAL
  Mse I, a unique restriction endonuclease from Micrococcus species which
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  AUTHOR(S): Morgan, Richard D.
  LOCATION: New England Biolabs, Inc., Beverly, MA, 01915, USA
  JOURNAL: Nucleic Acids Res. DATE: 1988 VOLUME: 16 NUMBER: 7 PAGES:
3104 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English
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DIALOG(R) File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.
               CA: 136(21)321263k
  136321263
                                     PATENT
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  LOCATION: USA
  ASSIGNEE: New England Biolabs, Inc.
  PATENT: European Pat. Appl.; EP 1197549 A2 DATE: 20020417
  APPLICATION: EP 2001203828 (20011010) *US 689343 (20001012)
  PAGES: 53 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-009/22A;
C12N-015/55B; C12N-009/10B; C12N-015/54B; C12N-005/10B
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DIALOG(R) File 399:CA SEARCH(R)
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                                  JOURNAL
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  LOCATION: New England Biolabs, Inc., Beverly, MA, 01915, USA
  JOURNAL: Nucleic Acids Res. DATE: 1988 VOLUME: 16 NUMBER: 7 PAGES:
3104 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English
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E10 1 AU=VAIT, R.
E11 1 AU=VAIT, S.
E12 7 AU=VAITADZE, L. K.
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